BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Name of Work :- Detailed Estimate for Improvements to Drains at 11th Cross of Havnoor Layout in Ward.No. 14, Bangalore.

Estimated Cost Rs. 18.00 Lakhs

ASSISTANT EXECUTIVE ENGINEER

T.DASARAHALLI SUB DIVISION,

B.B.M.P, BANGALORE

BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Name of Work :-Improvements to Drains at 11th Cross of Havnoor Layout in Ward.No. 14, Bangalore

			Est. Cost Rs.				18.00	Lakhs	
Sl. No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-2. Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P.150/I.19.2 PW, P & IWTD -SR 2012-13)	Cum							
	11th Cross - Havnoor Layout - R/S		1	190.00	1.20	(1.50+0.60)	239.40		
						2			
	11th Cross - Havnoor Layout - L/S		1	97.50	1.20	(1.50+0.60)	122.85		
						2			
							362.25	81.00	29342.00
	Basic Rate	75.00							
	Add Area Weightage 8%	6.00							
	Total	**81.00**							
2	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.3) PW, P & IWTD - SR 2012-13)	Cum							
	11th Cross - Havnoor Layout - R/S		1	190.00	1.20	0.15	34.20		
	11th Cross - Havnoor Layout - L/S		1	97.50	1.20	0.15	17.55		
							51.75	3812.82	197313.00
	Basic Rate	3597.00							
	Add Area Weightage 6%	215.82							
	Total	**3812.82**							
3	KSRB 4-2.2: Providing and laying in position plain cement concrete of design mix M20 with OPC cement @320 kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum, with superplastisiser @3lts confirming to IS9103-1999 Reafirmed-2008, machine mixed, concrete laid in layers not blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (P.13/I.4.11) PW, P & IWTD - SR 2012-13)	Cum							
	For Bottom								

	11th Cross - Havnoor Layout - R/S		1	190.00	1.20	0.15	34.20		
	11th Cross - Havnoor Layout - L/S		1	97.50	1.20	0.15	17.55		
	For Sides								
	11th Cross - Havnoor Layout - R/S		2	190.00	0.18	(0.80+0.30)	37.62		
						2			
	11th Cross - Havnoor Layout - L/S		2	97.50	0.18	(0.80+0.30)	19.31		
						2			
	Covering Slab		1	190.00	1.00	0.20	38.00		
			1	97.50	1.00	0.20	19.50		
							166.18	5142.06	854482.00
	Basic Rate	4851.00							
	Add Area Weightage 6%	291.06							
	Total	**5142.06**							
4	KSRB 4.9.2 : Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 (P.19/I.4.46) PW, P & IWTD - SR 2012-13)	q							
	For Bottom & Sides		166.18	Kg/Cum	45.00		7477.88		
						Say	**74.78**	7187.86	537499.00
	Basic Rate	6781.00							
	Add Area Weightage 6%	406.86							
	Total	**7187.86**							
5	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.17/I.4.31) PW, P & IWTD - SR 2012-13)	Sqm							
	11th Cross - Havnoor Layout - R/S		2x2	190.00		(0.80+0.30)	418.00		
						2			
	11th Cross - Havnoor Layout - L/S		2x2	97.50		(0.80+0.30)	214.50		
						2			
							632.50	239.56	151522.00
	Basic Rate	226.00							
	Add Area Weightage 6%	13.56							
	Total	**239.56**							
7	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading **Page No. 148 Item No. 17.1 PWD SR 2012-13**	Cum							
			Qty Vide Item No. 1				**362.25**	78.24	28341.00
	2 x 1.28 x 4 Kmtrs	10.24							
		62.20							
	Basic Rate	**72.44**							

	Add Area Weightage 8%	5.80							
	Total	**78.24**							
8	Miscellaneous and Unforeseen Charges etc.., complete	LS							**1501**
								Total	**1800000.00**
(Rupees Eighteen Lakhs Only)									

CERTIFICATE

1) The Work spot has been inspected and the work is found to be necessary
2) The Estimate is prepared as per the PW,P & IWTD - SR - 2012-13
3) The Provision made in estimate are adequante and essential
4) This area comes under B.B.M.P Limits.

Assistant Engineer
Ward-14

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

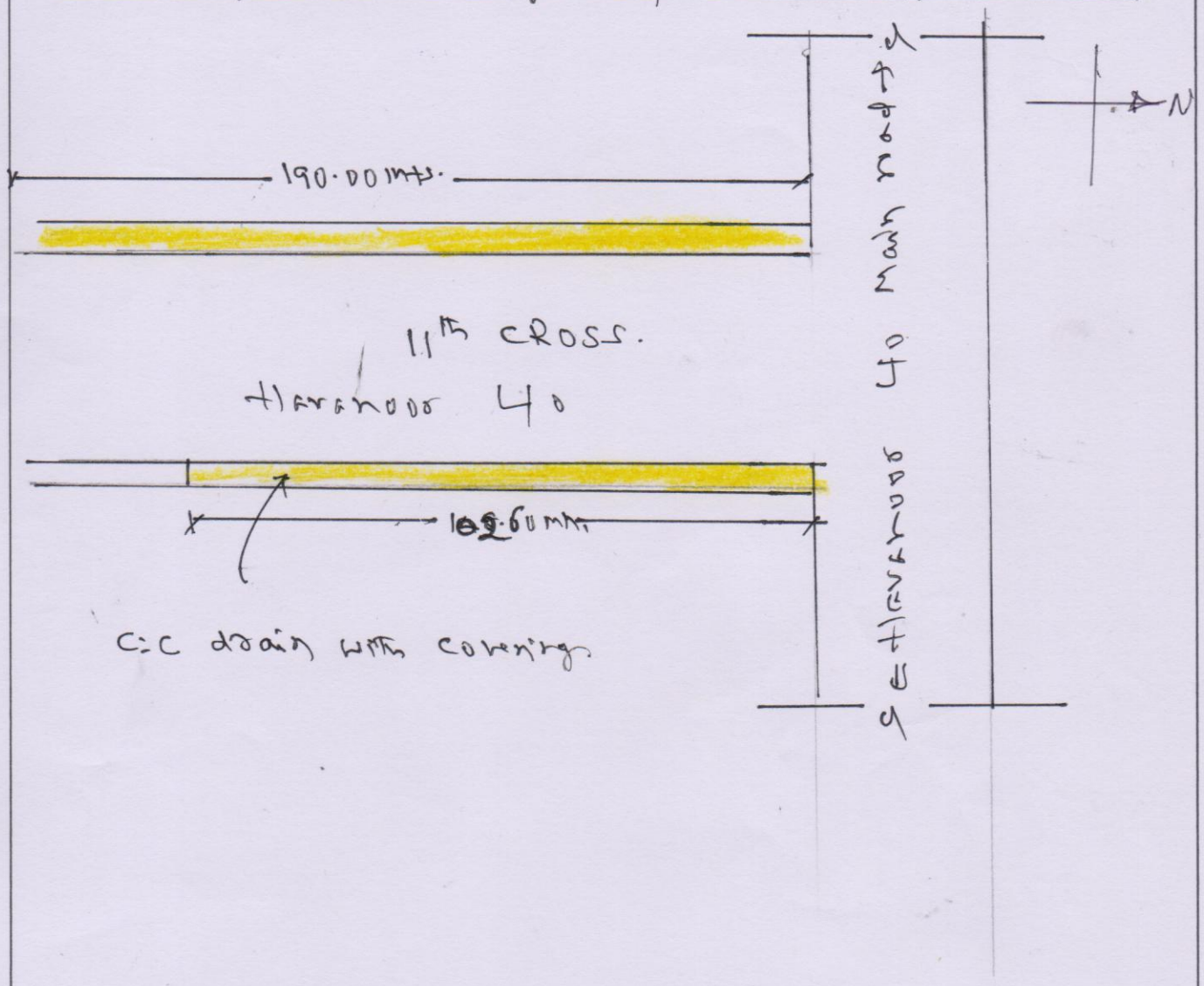
Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

A/S

ಸಂ. JC(DH) AS 544/12-13 ದಿನಾಂಕ : 30/01/13
ರೂ. 18.00 Lakhs (Rupees Eighteen Lakhs only)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
Page No. 077
SL. No. 544
ಜಂಟಿ ಆಯುಕ್ತರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ಸಂ.EE/DD/TS/339/12-13 ದಿನಾಂಕ : 31/01/2013
ರೂ. 18.00/Lks (Rupees Eighteen Lakhs only)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

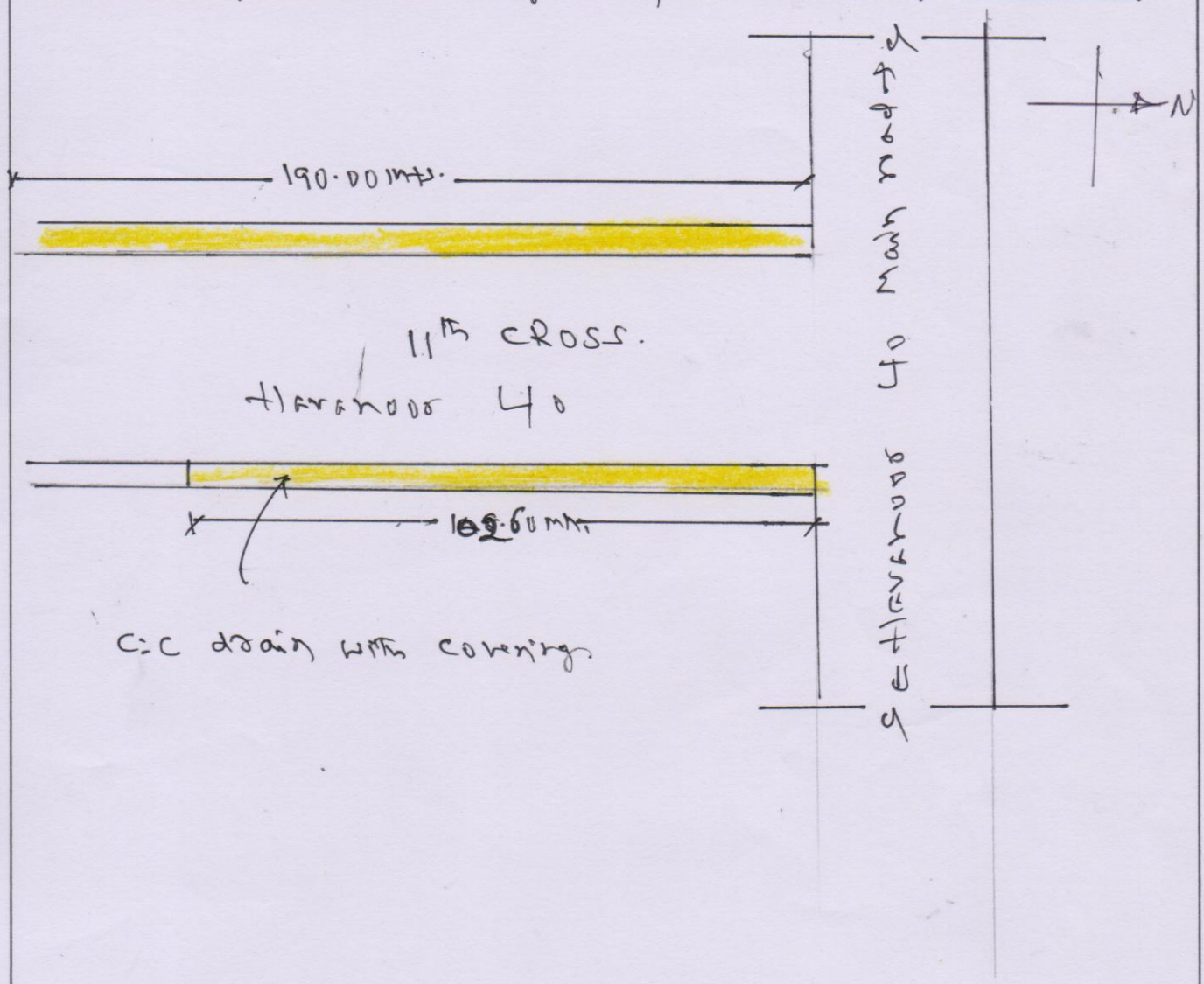
Name of Work:- Improvement to drain on North side of Harahoor Layout in ward No. 14.



T.V.S.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಟಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬಾಗಲಗುಂಟೆ, ಬೆಂಗಳೂರು - 560 073

Name of Work:- Improvement to drain on North side of Hevanoor Layout in ward No. 14.

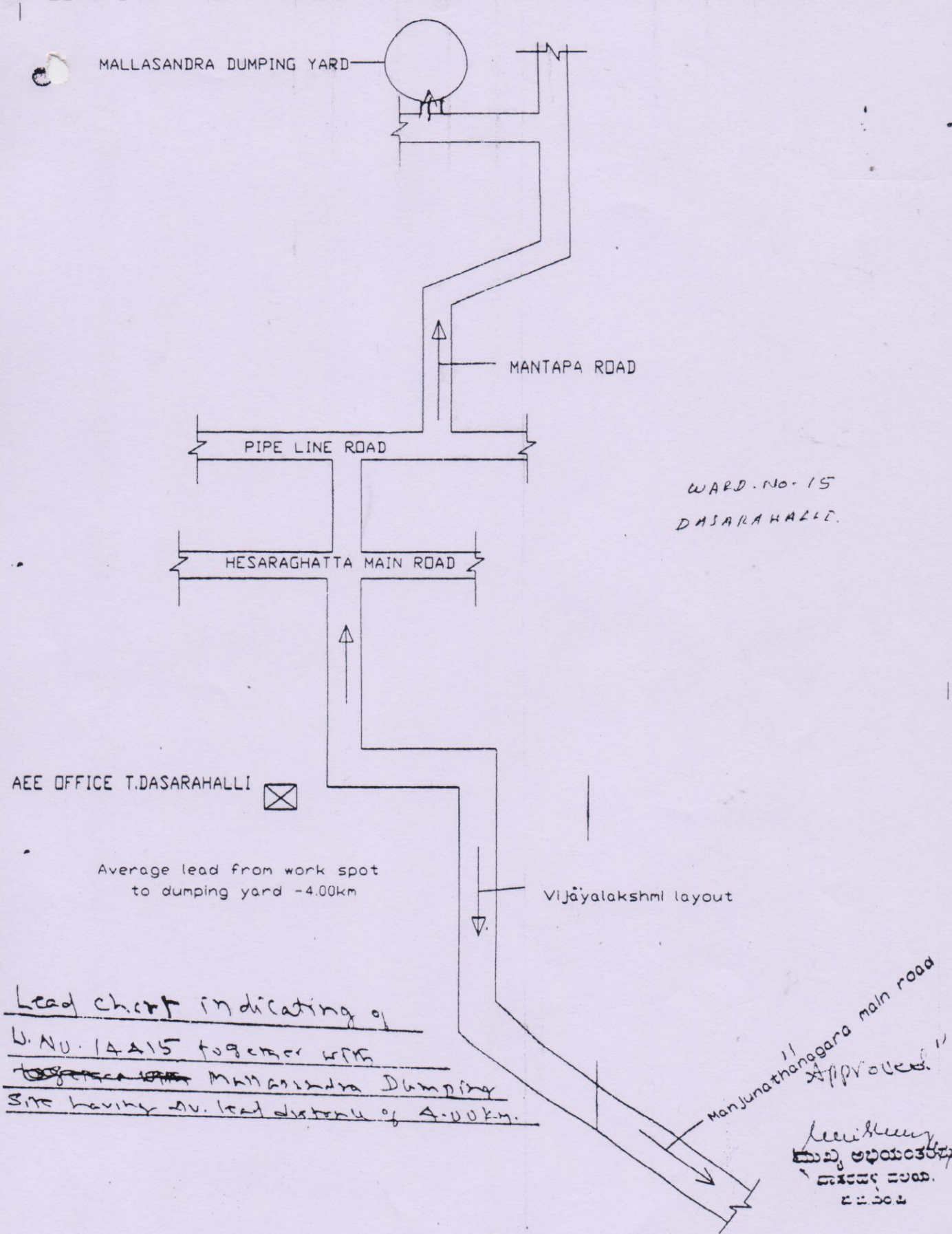


T.V.S.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಟಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬಾಗಲಗುಂಟೆ, ಬೆಂಗಳೂರು - 560 073

(3)

LEAD CHART FOR TRANSPORTING 'SILT FROM WORK SPOT TO DUMPING YARD



WARD. NO. 15
DASARAHALLI.

Average lead from work spot to dumping yard -4.00km

Lead chart indicating of W. No. 14 & 15 together with ~~[illegible]~~ Mallasandra Dumping Site having Av. lead distance of 4.00 K.m.

"Approved"

Assist. Engineer
Ward no.14 & 15

Assist. Executive Engineer
T.Dasarahalli Sub Division
BBMP

Executive Engineer
Dasarahalli Divison-1
BBMP